ROOPAVANAN R

COMPUTER SCIENCE ENGINEER

+91 8428071779 | roopavanan1009@gmail.com | linkedin.com/in/roopavanan-r-01094121a | Puducherry, India

CAREER OBJECTIVE

A dedicated and detail-oriented individual looking for an entry-level position at a well-reputed organization to gain skills, experience and exposure and expand my knowledge.

PROFESSIONAL EXPERIENCE

Digi Pondy **July 2024 - Sept 2024**

Web Developer & Digital Marketing - Intern

- Developed and maintained websites using WordPress, HTML, CSS, and JavaScript for clients including **Dr. Agila Asokan, Trav2Inde, Chemin Controls & Instrumentation, Hashtag Hive, and Coach Sunil Soni**.
- Managed digital marketing campaigns for **Dr. Agila Asokan, Akshaya Sweets, Green Investment, Miniso & Kongu Kitchen**.
- Ran successful ad campaigns utilizing Google Ads, Instagram Ads, and Facebook Ads to drive brand awareness and customer engagement.

Webbuilders **Jan 2022 - Aug 2023**

Front end Developer

- Joined Web Builder, a friend's startup venture.
- Assisted as a front-end developer.
- Developed the homepage for Eonroots.
- Created the landing page for Arha.
- Utilized HTML, CSS, Bootstrap, JavaScript, and ReactJS.

SKILLS

Web Developement: Html, Css, Bootstrap, Sass, JavaScript, React.js, Next.js, Tailwind Css, Java

Cybersecurity: Network Security, Vulnerability Scan, Web app security, Cryptography, Networking

Tools: Nmap, Wireshark, Nslookup, Git & GitHub, VMware, Kali Linux, Parrot OS, Burp Suite, Eclipse

Soft Skills: Team Work, Quick Learner, Adaptability. Leadership, Professional Ethics

PROJECTS

Enhancing cybersecurity through AI-driven Threat detection: A transfer learning approach

- **Technologies Used:** HTML, CSS, JavaScript, Python, Django, LSTM, BIGRU
- **Description:** Developed an AI-driven threat detection system using transfer learning techniques to enhance cybersecurity. The project utilized deep learning models such as LSTM and BIGRU for effective anomaly detection in network traffic.
- Published the research findings in a Scopus-indexed journal, showcasing innovative use of AI in cybersecurity

Health Monitoring Kit

- **Technologies Used:** HTML, CSS, JavaScript, Python, ESP8266, MAX30102 sensors, IoT, LCD Display, Wireless Sensing Node
- **Description**: Developed an IoT-based health monitoring system aimed at elderly patients to prevent unforeseen heart-related deaths. The system uses temperature and heartbeat sensors (MAX30102) connected to an ESP8266, displaying real-time health data on an LCD screen and sending updates to a web server.

EDUCATION

B.Tech - CSE 8.73 CGPA

Majors: (Iot & Cybersecurity including Blockchain tech)
Manakula vinayagar Institute of Technology

HIGHER SECONDARY SCHOOL 67%

New Modern Vidhya Mandir Higher Secondary school

SECONDARY SCHOOL LEAVING CERTIFICATE 81%

New Modern Vidhya Mandir Higher Secondary school

CERTIFICATES

Full stack Development
Udemy

Networking - CCNA
Jermy's IT Lab

Cybersecurity Essential
Cisco

Ethical hacking
ICT Academy